INDEX TO VOLUME 101, 1994
THE AMERICAN MATHEMATICAL MONTHLY

TITLE INDEX

Introduction to Fermat's Last Theorem, D. Cox, 3

Future Elementary Teachers: The Neglected Constituency, T. W. Hungerford, 15

Galois Theory for Beginners, J. Stillwell, 22

Into the Hourglass: Reflections on the Forces Acting on a Granular Material, E. B. Pitman, 28

Orderly Currencies, J. D. Jones, 36

An Interior Fixed Point Property of the Disc, R. F. Brown and R. E. Greene, 39

Le Cam's Inequality and Poisson Approximations, J. M. Steele, 48

Turing Machines and Computational Complexity, B. Marion, 61

The Evolution of Integration, A. Shenitzer and J. Steprāns, 66

Yueh-Gin Gung and Dr. Charles Y. Hu Award for Distinguished Service to J. Sutherland Frame, D. W. Ballew, 107

A New Look at Euler's Theorem for Polyhedra, B. Grünbaum and G. C. Shephard, 109

Otto Neugebauer: Reminiscences and Appreciation, P. J. Davis, 129

From the Buffon Needle Problem to the Kreiss Matrix Theorem, E. Wegert and L. N. Trefethen, 132

A Counterexample for Germain, W. C. Waterhouse, 140

Cubic Equations, or Where Did the Examination Question Come From?, H. B. Griffiths and A. E. Hirst, 151

Every Number is Expressible as the Sum of How Many Polygonal Numbers?, R. K. Guy, 169

A Marvelous Proof, F. Q. Gouvêa, 203

Triangulating the Circle, at Random, D. Aldous, 223

Hypatia and Her Mathematics, M. A. B. Deakin, 234

Calculus II and Euler Also (with a Nod to Series Integral Remainder Bounds), R. Barshinger, 244

A Focusing Property of the Ellipse, M. Frantz, 250

Universal Traversal Sequences, J. Feigenbaum and N. Reingold, 262

What are Algebraic Integers and What Are They For?, J. Stillwell, 266

Pizza Slicing, Phi's and the Riemann Hypothesis, E. A. Bender, O. Patashnik, and H. Rumsey, Jr., 307

Rational Periodic Points of the Quadratic Function $Q_c(x)=x^2+c$, R. Walde and P. Russo, 318

Fréchet vs. Carathéodory, E. Acosta and C. Delgado, 332

Odd Magic Powers, A. C. Thompson, 339

Mathematicians, Including Undergraduates, Look at Soap Bubbles, F. Morgan, 343

ApSimon's Mints Problem, R. Guy and R. Nowakowski, 358

On the Geometry of Piecewise Circular Curves, T. Banchoff and P. Giblin, 403

The Two Envelope Paradox, E. Linzer, 417

Fourier Series of Polygons, A. Robert, 420

The Paradox of Nontransitive Dice, R. P. Savage, Jr., 429

Squares Expressible as Sum of Consecutive Squares, L. Beeckmans, 437

Square Roots mod p, S. M. Turner, 443

Does Anybody Really Know What Time It Is?, C. C. McGeoch, 459

How Hyperbolic Geometry Became Respectable, A. Shenitzer, 464

Juggling Drops and Descents, J. Buhler, D. Eisenbud, R. Graham, and C. Wright, 507

Teaching Integration by Substitution, D. Gale, 520

Workable Gears, Archimedian Solids and Planar Bipartite Graphs, G. Gordon, 527

On the Kummer Solutions of the Hypergeometric Equation, R. T. Prosser, 535

Reflections on a Mira, J. W. Emert, K. I. Meeks, and R. B. Nelson, 544

Buffon Noodles, E. Waymire, 550

A Possible Permanent Formula, D. Callan, 571

A Tale of Two CD's, D. Kennedy, 603

Three Problems in Search of a Measure, J. L. King, 609

The n-Queens Problem, I. Rivin, I. Vardi, and P. Zimmermann, 629

What's the Difference Between Cantor Sets?, R. L. Kraft, 640

Morphisms, Squarefree Strings, and the Tower of Hanoi Puzzle, J.-P. Allouche, D. Astoorian, J. Randall, and J. Shallit, 651

Do You Know the Way to Vertex A?, J. Ondich, 668

On the Calculus of Variations and Its Major

Influences on the Mathematics of the First Half of Our Century. Part I., E. Kreyszig, 674
Behind the Scenes of a Random Dot Stereogram, M. S. Terrell and R. E. Terrell, 715
The Fifty-Fourth William Lowell Putnam Mathematical Competition, L. F. Klosinski, G. L. Alexanderson, and L. C. Larson, 725
Literacy in the Language of Mathematics, J. O. Bullock, 735
Fractional and Trigonometric Expressions for Matrices, G. Shimura, 744
Noether Lasker Primary Decomposition Revisited, B. L. Osofsky, 759
Elementary Infinite Sources of Non-Unique Factorization Rings, S. Stein and S. Szabó, 769
Apropos Two Notes on Notation, A. E. Fekete, 771
Which Triangles are Plane Sections of Regular Tetrahedra?, F. Eriksson, 788
Georg Cantor and Transcendental Numbers, R. Gray, 819
The 500th Anniversary of the Sharing Problem (The Oldest Problem in the Theory of Probability), M. Sobel and K. Frankowski, 833
What is Teaching?, P. R. Halmos, 848
What is Wrong with the Definition of dy/dx?, H. Thurston, 855
A Stochastic Approach to the Gamma Function, L. Gordon, 858
Arrangements and Topological Planes, J. E. Goodman, R. Pollack, R. Wenger, and T. Zamfirescu, 866
An Application of Fourier Series to the Most Significant Digit Problem, J. Boyle, 879
How to Stay Competitive, C. C. McGeoch, 897
On the Calculus of Variations and Its Major Influences on the Mathematics of the First Half of Our Century. Part II., E. Kreyszig, 902
The Rectilinear Crossing Number of a Complete Graph and Sylvester's "Four Point Problem" of Geometric Probability, E. R. Scheinerman and H. S. Wilf, 939
String Matching for the Novice, O. E. Percus and J. K. Percus, 944
Bernoulli Trials and Number Theory, D. Rawlings, 948
What is the Shape of a Mylar Balloon?, W. H. Paulsen, 953
Euler's Theorem for Polyhedra: A Topologist and Geometer Respond, P. Hilton and J. Pedersen, 959
The Role of Paradoxes in the Evolution of Mathematics, I. Kleiner and N. Movshovitz-Hadar, 963
Regions in the Complex Plane Containing the Eigenvalues of a Matrix, R. A. Brualdi and S. Mellendorf, 975
Characterization of Solvable Quintics x^5+ax+b, B. K. Spearman and K. S. Williams, 986
A Halmos Problem and a Related Problem, J. B. Cosgrave, 993
Mousetrap, R. K. Guy and R. J. Nowakowski, 1007

AUTHOR INDEX

Acosta, Ernesto and Cesar Delgado G., Fréchet vs. Carathéodory, 332

Aldous, David, Triangulating the Circle, at Random, 223

Alexanderson, Gerald L. *see Klosinski*

Allouche, Jean-Paul, Dan Astoorian, Jim Randall, and Jeffrey Shallit, Morphisms, Squarefree Strings, and the Tower of Astoorian, Dan *see Allouche*

Ballew, David W., Yueh-Gin Gung and Dr. Charles Y. Hu Award for Distinguished Service to J. Sutherland Frame, 107

Banchoff, Thomas and Peter Giblin, On the Geometry of Piecewise Circular Curves, 403

Barshinger, Richard, Calculus II and Euler Also (with a Nod to Series Integral Remainder Bounds), 244

Beeckmans, Laurent, Squares Expressible as Sum of Consecutive Squares, 437

Bender, Edward A., Oren Patashnik, and Howard Rumsey, Jr., Pizza Slicing, Phi's and the Riemann Hypothesis, 307

Boyle, Jeff, An Application of Fourier Series to the Most Significant Digit Problem, 879

Brown, Robert F. and Robert E. Greene, An Interior Fixed Point Property of the Disc, 39

Brualdi, Richard A. and Stephen Mellendorf, Regions in the Complex Plane Containing the Eigenvalues of a Matrix, 975

Buhler, Joe, David Eisenbud, Ron Graham, and Colin Wright, Juggling Drops and Descents, 507

Bullock, James O., Literacy in the Language of Mathematics, 735

Callan, David, A Possible Permanent Formula, 571

Century. Part II., 902

Century. Part I., 674

Cosgrave, John B., A Halmos Problem and a Related Problem, 993

Cox, Daivd, Introduction to Fermat's Last Theorem, 3

Davis, Philip J., Otto Neugebauer: Reminiscences and Appreciation, 129

Deakin, Michael A. B., Hypatia and Her Mathematics, 234

Delgado, Cesar *see Acosta*

Eisenbud, David *see Buhler*

Emert, John W., Kay I. Meeks, and Roger B. Nelson, Reflections on a Mira, 544

Eriksson, Folke, Which Triangles are Plane Sections of Regular Tetrahedra?, 788

Feigenbaum, Joan and Nick Reingold, Universal Traversal Sequences, 262

Fekete, Antal E., *Apropos* Two Notes on Notation, 771

Four Point Problem of Geometric Probability, 939

Frankowski, Krzysztof *see Sobel*

Frantz, Marc, A Focusing Property of the Ellipse, 250

Gale, David, Teaching Integratio · by Substitution, 520

Giblin, Peter *see Banchoff*

Goodman, Jacob E., Richard Pollack, Rephael Wenger, and Tudor Zamfirescu, Arrangements and Topological Planes, Gordon, Louis, A Stochastic Approach to the Gamma Function, 858

Gordon, Gary, Workable Gears, Archimedian Solids and Planar Bipartite Graphs, 527

Gouvêa, Fernando Q., A Marvelous Proof, 203

Graham, Ron *see Buhler*

Gray, Robert, Georg Cantor and Transcendental Numbers, 819

Greene, Robert E. *see Brown*

Griffiths, H. B. and A. E. Hirst, Cubic Equations, or Where Did the Examination Question Come From?, 151

Grünbaum, Branko and G. C. Shephard, A New Look at Euler's Theorem for Polyhedra, 109

Guy, Richard and Richard Nowakowski, ApSimon's Mints Problem, 358

Guy, Richard K. and Richard J. Nowakowski, Mousetrap, 1007

Guy, Richard K., Every Number is Expressible as the Sum of How Many Polygonal Numbers?, 169

Halmos, Paul R., What is Teaching?, 848

Hanoi Puzzle, 651

Hilton, Peter and Jean Pedersen, Euler's Theorem for Polyhedra: A Topologist and Geometer Respond, 959

Hirst, A. E. *see Griffiths*

Hungerford, Thomas W., Future Elementary Teachers: The Neglected Constituency, 15

Jones, John Dewey, Orderly Currencies, 36

Kennedy, Dan, A Tale of Two CD's, 603

King, Jonathan L., Three Problems in Search of a Measure, 609

Kleiner, I. and N. Movshovitz-Hadar, The Role of Paradoxes in the Evolution of Mathematics, 963

Klosinski, Leonard F., Gerald L. Alexanderson, and Loren C. Larson, The Fifty-Fourth William Lowell Putnam Kraft,866 Roger L., What's the Difference Between Cantor Sets?, 640

Kreyszig, Erwin, On the Calculus of Variations and Its Major Influences on the Mathematics of the First Half of Our Kreyszig, Erwin, On the Calculus of Variations and Its Major

Influences on the Mathematics of the First Half of Our Larson, Loren C. *see Klosinski*
Linzer, Elliot, The Two Envelope Paradox, 417
Marion, Bill, Turing Machines and Computational Complexity, 61
Mathematical Competition, 725
McGeoch, Catherine C., Does Anybody Really Know What Time It Is?, 459
McGeoch, Catherine C., How to Stay Competitive, 897
Meeks, Kay I. *see Emert*
Mellendorf, Stephen *see Brualdi*
Morgan, Frank, Mathematicians, Including Undergraduates, Look at Soap Bubbles, 343
Movshovitz-Hadar, N. *see Kleiner*
Nelson, Roger B. *see Emert*
Nowakowski, Richard *see Guy*
Nowakowski, Richard J. *see Guy*
Ondich, Jeff, Do You Know the Way to Vertex *A*?, 668
Osofsky, Barbara L., Noether Lasker Primary Decomposition Revisited, 759
Patashnik, Oren *see Bender*
Paulsen, William H., What is the Shape of a Mylar Balloon?, 953
Pedersen, Jean *see Hilton*
Percus, Ora E. and Jerome K. Percus, String Matching for the Novice, 944
Percus, Jerome K. *see Percus*
Pitman, E. Bruce, Into the Hourglass: Reflections on the Forces Acting on a Granular Material, 28
Pollack, Richard *see Goodman*
Prosser, Reese T., On the Kummer Solutions of the Hypergeometric Equation, 535
Randall, Jim *see Allouche*
Rawlings, Don, Bernoulli Trials and Number Theory, 948
Reingold, Nick *see Feigenbaum*
Rivin, Igor, Ilan Vardi, and Paul Zimmermann, The *n*-Queens Problem, 629
Robert, Alain, Fourier Series of Polygons, 420
Rumsey Jr., Howard, *see Bender*
Russo, Paula *see Walde*
Savage, Richard P., Jr., The Paradox of Nontransitive Dice, 429
Scheinerman, Edward R. and Herbert S. Wilf, The Rectilinear Crossing Number of a Complete Graph and Sylvester's Shallit, Jeffrey *see Allouche*
Shenitzer, A. and J. Steprāns, The Evolution of Integration, 66
Shenitzer, Abe, How Hyperbolic Geometry Became Respectable, 464
Shephard, G. C. *see Grünbaum*
Shimura, Goro, Fractional and Trigonometric Expressions for Matrices, 744
Sobel, Milton and Krzysztof Frankowski, The 500th Anniversary of the Sharing Problem (The Oldest Problem in the Spearman, Blair K. and Kenneth S. Williams, Characterization of Solvable Quintics x^5+ax+b, 986
Steele, J. Michael, Le Cam's Inequality and Poisson Approximations, 48
Stein, S. and S. Szabó, Elementary Infinite Sources of Non-Unique Factorization Rings, 769
Steprāns, J. *see Shenitzer*
Stillwell, John, Galois Theory for Beginners, 22
Stillwell, John, What are Algebraic Integers and What Are They For?, 266
Szabó, S. *see Stein*
Terrell, Maria S. and Robert E. Terrell, Behind the Scenes of a Random Dot Stereogram, 715
Terrell, Robert E. *see Terrell*
Theory of Probability), 833
Thompson, A. C., Odd Magic Powers, 339
Thurston, Hugh, What is Wrong with the Definition of dy/dx?, 855
Trefethen, Lloyd N. *see Wegert*
Turner, Stephen M., Square Roots mod p, 443
Vardi, Ilan *see Rivin*
Walde, Ralph and Paula Russo, Rational Periodic Points of the Quadratic Function $Q_c(x)=x^2+c$, 318
Waterhouse, William C., A Counterexample for Germain, 140
Waymire, Ed, Buffon Noodles, 550
Wegert, Elias and Lloyd N. Trefethen, From the Buffon Needle Problem to the Kreiss Matrix Theorem, 132
Wenger, Rephael *see Goodman*
Wilf, Herbert S. *see Scheinerman*
Williams, Kenneth S. *see Spearman*
Wright, Colin *see Buhler*
Zamfirescu, Tudor *see Goodman*
Zimmermann, Paul *see Rivin*

NOTES TITLE INDEX

A Generalization of a Theorem of Euler, Dorina Mitrea and Marius Mitrea, 55

A Short Elementary Proof of the Mohr-Mascheroni Theorem, Norbert Hungerbühler, 784

A Non-Constant, Continuous Function on the Plane Whose Integral on Every Line is Zero, D. H. Armitage, 892

A "Popular" Class Number Formula, Kurt Girstmair, 997

A Reverse Stolarsky's Inequality, Josip Pečarić, 565

A Proof of Dilworth's Chain Decomposition Theorem, Fred Galvin, 352

A Note on Some Irrational Decimal Fractions, A. McD. Mercer, 567

A Trace Inequality for Unitary Matrices, Boying Wang and Fuzhen Zhang, 453

An Elementary Proof of the Square Summability of the Discrete Hilbert Transform, Loukas Grafakos, 456

Chaos Without Nonperiodicity, Carsten Knudsen, 563

Chu's 1303 Identity Implies Bombieri's 1990 Norm-Inequality (Via an Identity of Beauzamy and Dégot), Doron Zeilberger, 894

Congruence of Triangles, Leonard Gillman, 782

Cross Product Identities in Arbitrary Dimension, Andrew Dittmer, 887

Euler's Theorem, Katherine Heinrich and Peter Horak, 260

Isometries of l_p-norm, Chi-Kwong Li and Wasin So, 452

Kummer's Test Gives Characterizations for Convergence or Divergence of all Positive Series, Jingcheng Tong, 450

More on the Pompeiu Problem, David C. Ullrich, 165

New Tricks for Old Trees: Maps and the Pigeonhole Principle, N. Graham, R. C. Entringer, and L. A. Skékely, 664

On Nonnegativity of Symmetric Polynomials, F. Matúš, 661

On a Curious Property of Counting Sequences, Victor Bronstein and Aviezri S. Fraenkel, 560

On Intervals, Transitivity = Chaos, Michel Vellekoop and Raoul Berglund, 353

On the Identity of Polyhedra, Hellmuth Stachel, 162

Proof of a Mixed Arithmetic-Mean, Geometric-Mean Inequality, Kiran Kedlaya, 355

Reflections Can Be Trapped, Roberto Peirone, 259

Sierpinski's Theorem is Deducible from Euler and Dirichlet, A. A. Ageev, 659

The Existence of a Triangle with Prescribed Angle Bisector Lengths, Petru Mironescu and Laurentiu Panaitopol, 58

The Coin Exchange Problem for Arithmetic Progressions, Amitabha Tripathi, 779

The Second-Partials Test for Local Extrema of $f(x,y)$, Leonard Gillman, 1004

Variations on Wolstenholme's Theorem, Emre Alkan, 1001

NOTES AUTHOR INDEX

Ageev, A. A., Sierpinski's Theorem is Deducible from Euler and Dirichlet, 659

Alkan, Emre, Variations on Wolstenholme's Theorem, 1001

Armitage, D. H., A Non-Constant, Continuous Function on the Plane Whose Integral on Every Line is Zero, 892

Berglund, Raoul *see Vellekoop*

Bronstein, Victor and Aviezri S. Fraenkel, On a Curious Property of Counting Sequences, 560

Dégot), 894

Dittmer, Andrew, Cross Product Identities in Arbitrary Dimension, 887

Entringer, R. C. *see Graham*

Fraenkel, Aviezri S. *see Bronstein*

Galvin, Fred, A Proof of Dilworth's Chain Decomposition Theorem, 352

Gillman, Leonard, The Second-Partials Test for Local Extrema of $f(x,y)$, 1004

Gillman, Leonard, Congruence of Triangles, 782

Girstmair, Kurt, A "Popular" Class Number Formula, 997

Grafakos, Loukas, An Elementary Proof of the Square Summability of the Discrete Hilbert Transform, 456

Graham, N., R. C. Entringer, and L. A. Skékely, New Tricks for Old Trees: Maps and the

Pigeonhole Principle, 664
Heinrich, Katherine and Peter Horak, Euler's Theorem, 260
Horak, Peter *see Heinrich*
Hungerbühler, Norbert, A Short Elementary Proof of the Mohr-Mascheroni Theorem, 784
Kedlaya, Kiran, Proof of a Mixed Arithmetic-Mean, Geometric-Mean Inequality, 355
Knudsen, Carsten, Chaos Without Nonperiodicity, 563
Li, Chi-Kwong and Wasin So, Isometries of l_p-norm, 452
Matúš, F., On Nonnegativity of Symmetric Polynomials, 661
Mercer, A. McD., A Note on Some Irrational Decimal Fractions, 567
Mironescu, Petru and Laurentiu Panaitopol, The Existence of a Triangle with Prescribed Angle Bisector Lengths, 58
Mitrea, Marius *see Mitrea*
Mitrea, Dorina and Marius Mitrea, A Generalization of a Theorem of Euler, 55
Panaitopol, Laurentiu *see Mironescu*
Pečarić, Josip, A Reverse Stolarsky's Inequality, 565
Peirone, Roberto, Reflections Can Be Trapped, 259
Skékely, L. A. *see Graham*
So, Wasin *see Li*
Stachel, Hellmuth, On the Identity of Polyhedra, 162
Tong, Jingcheng, Kummer's Test Gives Characterizations for Convergence or Divergence of all Positive Series, 450
Tripathi, Amitabha, The Coin Exchange Problem for Arithmetic Progressions, 779
Ullrich, David C., More on the Pompeiu Problem, 165
Vellekoop, Michel and Raoul Berglund, On Intervals, Transitivity = Chaos, 353
Wang, Boying and Fuzhen Zhang, A Trace Inequality for Unitary Matrices, 453
Zeilberger, Doron, Chu's 1303 Identity Implies Bombieri's 1990 Norm-Inequality (Via an Identity of Beauzamy and Zhang, Fuzhen *see Wang*

REVIEWS BY TITLE

Names of authors are in ordinary type; those of reviewers in ordinary type.

Brouwer's Intuitionism, Walter P. van Stigt, C. SMORYŃSKI, 799
Calculus Gems: Brief Lives and Memorable Mathematics, George F. Simmons, DAVID J. PENGELLEY, 374
Complex Analysis: The Geometric Viewpoint, Steven G. Krantz, JOHN POLKING, 91
Excursions in Calculus: An Interplay of the Continuous and the Discrete, Robert M. Young, ANITA E. SOLOW, 482
Fleeting Footsteps: Tracing the Conception of Arithmetic and Algebra in Ancient China, Lam Lay Yong and Ang Tian Se, FRANK SWETZ, 921
Geometry of Surfaces, John Stillwell, DAVID L. WEBB, 188
How to Teach Mathematics, Steven G. Krantz, MEYER JERISON, 692
Ideals, Varieties, and Algorithms, David Cox, John Little, and Donal O'Shea, MOSS SWEEDLER, 582
Kolmogorov and A. P. Yushkevich, KAREN HUNGER PARSHALL, 369
Linear Programs and Related Problems, Evar D. Nering and Albert W. Tucker, STEPHEN B. MAURER, 1022
Mathematical Cranks, Underwood Dudley, IAN STEWART, 87
Mathematics of the 19th Century: Mathematical Logic, Algebra, Number Theory, Probability Theory, edited by A. N. *Reality Rules I. The Fundamentals; II. The Frontier*, John Casti, RUTHERFORD ARIS, 186
Revolutions in Mathematics, edited by Donald Gillies, MICHAEL MAHONEY, 283
The Lure of the Integers, Joe Roberts, PAUL T. BATEMAN and HAROLD G. DIAMOND, 480

SOLUTIONS

Numbers in boldface refer to problems; those in lightface to pages.

E3436	78	**10185**	85	**10220**	687	**10245**	797
E3464	81	**10188**	275	**10221**	796	**10246**	367
E3470	83	**10195**	277	**10224**	796	**10247**	581
E3474	177	**10196**	363	**10225**	181	**10249**	798
5881	794	**10199**	278	**10227**	688	**10256**	478
6080	913	**10200***	1020	**10228**	183	**10257**	479
6332	1015	**10203**	279	**10229**	797	**10261**	690
6639	683	**10204**	365	**10232**	917	**10263**	1018
6649	77	**10211**	578	**10235**	280	**10271**	918
6657	80	**10212**	579	**10237**	366	**10283**	919
6666	576	**10214**	86	**10239**	281	**10303**	1019
6667	914	**10215**	580	**10240**	184		
6670*	1020	**10216**	917	**10241**	475		
6673	686	**10218**	179	**10243**	1017	***Revivals**	
6674	179	**10219**	181	**10244**	476		

PROBLEMS PROPOSED

Abe, Nobuhisa 362
Ali, Hassan Ali Shāh 75
Alkan, Emre 273
Alkan, Emre 574
Andersen, E. Sparre 474
Anglesio, Jean 575
Boese, F. G. 575
Book, David L. 274
Borosh, Itshak 682
Brillhart, John 362
Chalice, Donald R. 176
Chen, Kwang-Wu 912
Chernoff, Paul R. 274
Collins, Karen L. *see Fisher*
Cornea, Emil A. 175
Correll Jr., Bill 1014
Costa, Peter J. *see Rabinowitz*
Darling, Donald A. 911
Diacu, Florin N. *see Cornea*
Doster, David 792
Ekhad, Shalosh B. 75
Enchev, Ognian 574
Evans, Anthony *see Borosh*
Feldman, Jacob *see Chernoff*
Fieldsteel, Adam 1014
Filaseta, M. 1014
Fisher, David C. 793
Ford, Kevin 473
Gessel, Ira 75
Gómez Rey, Joaquín 75
Gülicher, Herbert 793
Guy, Richard K. 473
Hajja, Mowaffaq 682
Hensley, Douglas *see Borosh*
Hirsch, Michael 363
Hobbs, Arthur M. *see Borosh*
Huanxin, Jiang 76
Kemp, Franklin 474
King, Jonathan L. *see Hirsch*
Kitchen, Edward 912
Klamkin, Murray S. 575
Knuth, Donald E. 682
Kotlarski, Ignacy I. 575
Krompart, Lucia B. *see Fisher*
Kuczma, Marcin E. 363
Laberteaux, Kathryn R. 362
Larsen, Mogens Esrom *see Andersen*
Liebeck, Hans 175
Lomont, J. S. *see Brillhart*
Mathias, Roy 793
Militaru, Gigel 1014
Mocanu, Mirel 912
Nicol, C. *see Filaseta*
Northshield, Sam 681
Osborne, Anthony *see Liebeck*
Palacios, José Luis *see Northshield*
Pelling, M. J. 274
Poonen, Bjorn 273
Poonen, Bjorn 363
Quet, Leroy 682
Rabinowitz, Stanley 474
Robinson, Raphael M. 76
Robinson, Raphael M. 574
Robinson, Raphael M. 176
Rouhani, Behzad Djafari 792
Santmyer, Joseph M. 175
Santos, Bernardo Recamán 273
Satnoianu, Răzvan 1013
Schindler, Werner 682
Schmidt, Frank 911
Schmidt, Frank 176
Selvaraj, S *see Selvaraj*
Selvaraj, C. R. 1014
Shor, Peter W. 793
Sieben, Nándor 474
Simpson, R. J. 912
Sinnamon, Gord 911
Slater, Michael 363
Smyth, W. F. *see Simpson*
Stanley, Richard P. 76
Stoyanov, Emil Yankov 274
Tabov, Jordan 474
Tisdale, Daniel 176
Tomescu, Ioan 681
van de Lune, J. 794
Vanden Eynden, Charles 1013

PROBLEMS SOLVED

Anchorage Math Solutions Group *see Chapman*
Andreoli, Michael 364
Barger, S. F. 798
Beckwith, David 80
Bromberg, Ken 476
Brulois, Frédéric 281
Călinescu, Gruia 276
Callan, David 181
Chakerian, G. D. 688
Chapman, Robin J. 184, 278,478, 1017
Chen, William Y. C. 278
Chernoff, Paul R. 366
Darling, Donald A. 476
Ellingham, M. N. 80
Fasino, Dario 918
Firey, W. J. *see Chakerian*
Gagola Jr., Stephen M. 578
Georghiou, C. 475
Gregory, Michael B. 181
Griffin, Peter 78
Herman, Eugene A. 479, 914
Holzsager, Richard 576, 688, 796, 917, 1019
Holzsager, Richard *see Sagan*
Israel, Robert B. 183, 280, 687
Kastanas, Ilias 179, 578, 690
Klein, Benjamin G. 796
Knuth, D. E. 77
Komanda, Nasha 279
Krafft, Olaf 82
Laurie, Dirk P. 86
Lindsey II, John H. 683
Locke, Stephen C. 686
Lossers, O. P. *see Gagola*
Lossers, O. P. 79, 84, 797
Markham, Thomas L. 82
Mauldon, J. G. 1018
Merino, Dennis I. 82
Myerson, Gerry 85
NSA Problems Group 177
Pelling, M. J. 794, 913
Pinsky, Mark A. 690
Powers, R. Glenn *see Kastanas*
Rainwater, John 919
Royle, Gordon F. *see Ellingham*
Sagan, Bruce E. 686
Salinier, Alain 690
Seiffert, Heinz-Jürgen 690, 1015
Skau, Ivar 275
Steutel, F. W. 367
Stewart, Pat 580
Stong, Richard 180, 917
The Geometry Center *see Bromberg*
Timar, C. C. *see Ellingham*
Vowe, Michael 83
Wagon, Stan *see Bromberg*
Wells, David M. 365
Wertheim, Lev 581
Wilf, Herbert S. *see Locke*
Yiu, Paul 798

THANKS

The Monthly expresses its appreciation to the following people for their help in refereeing during the past year. We could not function without such people and their hard work.

Steven C. Althoen, George Andrews, David F. Appleyard, Richard Askey, Duane W. Bailey, Tom Banchoff, James E. Baumgartner, James Berger, Paul Binding, David Bressoud, John Brillhart, Erik Brisson, John Brothers, Robert B. Burckel, David M. Burton, Gulbank D. Chakerian, Jingsen Chen, David A. Cox, John W. Dawson Jr., Manfred Denker, Robert Devaney, Persi Diaconis, Robert P. Dobrow, Todd A. Drumm, Bradley Efron, James Fill, Harley Flanders, Michael E. Gage, Theodore W. Gamelin, Ira M. Gessel, Andrew Glass, Andrew J. Granville, Branko Grünbaum, William Gustafson, Roger Horn, Norman W. Johnson, John W. Kenelly, Victor Klee, Frank Thomson Leighton, Jonathan W. Lewin, James G. Mauldon, Peter McMullen, William J. Mitchell, Michael Nauenberg, Alec Norton, Joseph O'Rourke, Ellen Parker, Robin A. Pemantle, Vera S. Pless, Gregory T. Quenell, Elmer Rees, Bruce Reznick, Gerhard Ringel, Joseph J. Rotman, Walter Rudin, David J. Rusin, Doris W. Schattschneider, Ron Sedgewick, Marjorie Senechal, Daniel Shanks, Joseph H. Silverman, David Allen Singer, Anita E. Solow, Lawrence E. Somer, Linda R. Sons, Norton Starr, Gilbert Strang, Craig Tracy, Alfred van der Poorten, Charles L. Vanden Eynden, Ellen Walker Lowenfield, Bruce Weide, Joel L. Weiner, Derick Wood, Lily Yen, Lawrence A. Zalcman, Doron Zielberger.

We give a special thanks to the Notes consultants:John Akeroyd, Mark Arnold, Dan Luecking, Mihalis Maliakas, Serge Tabachnikov.